

Abstract:

The invention relates to an improved method for the accumulation and stabilization of DNA-containing components from biological materials, especially from blood samples. The DNA-containing sample materials are partially lysed in a lysis-binding buffer system, and the DNA-containing components, such as cell nuclei, are bound to a functionalized solid surface. The system comprises lysis reagents and solid adsorbents, the surfaces of the adsorbents being functionalized with polymers of polymerizable acids or derivatives thereof, to which the DNA-containing components bind. Organic or inorganic solid materials can be used as functionalizable carrier materials.